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10/784,766	02/24/2004	Katsuro Kikuchi	ASAM.0112	8336
<div>7590 REED SMITH LLP Suite 1400 3110 Fairview Park Drive Falls Church, VA 22042</div>			<div>EXAMINER GUPTA, MUKTESH G</div>	
			<div>ART UNIT 2144</div>	<div>PAPER NUMBER</div>
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/784,766	<b>Applicant(s)</b> KIKUCHI, KATSURO	
	<b>Examiner</b> Muktesh G. Gupta	<b>Art Unit</b> 2144	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 January 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

1. **Claims 1-10** are amended.

**Claims 1-10**, have been examined on merits and are pending in this application.

### *Response to Amendment*

2. Applicant's amendment filed on 01/22/2008 necessitated a new ground(s) of rejection presented in this office action. Applicant's arguments are deemed moot in view of the following new grounds of rejection as explained here below, necessitated by Applicant's substantial amendment (i.e., providing more than two element services for providing a composite service) to the claims as shown underlined which significantly affected the scope thereof.

Applicant's arguments with respect to **Claims 1-10** have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. **Claims 1-10** rejected under 35 U.S.C. 102(a) as being anticipated by U.S. Patent No. 7194524 to Suzuki et al., (hereinafter "Suzuki").

**As to Claim 1,** Suzuki teaches a method with a search broker for searching for a service server providing an element service, for selecting and carrying out an element service in a next stage organized in a hierarchical structure from a group of element service servers for providing element services, said search broker being connected to a client for requesting a service, the group of element service servers for providing more than two element services for providing a composite service organized in a hierarchical structure policy database for holding policy information about service contents requested by said client, and a registry for holding contents of the element services provided by said element service servers, said search method comprising (as stated in col.1, lines 20-24, lines 53-58, col. 10, lines 60-64, col. 18, lines 21-23, and col. 6, lines 32-41, an information processing system comprising an **portal site** to which the **client has access**, a **search engine** such as search robot (**search broker, agent**) and information **database** using information **collection policy (policy information) registered (registry)** in advance for the servers, folders where **logical structure** of **contents (service)** is mapped to **hierarchical structure** of folders, **information disclosing server** for disclosing **contents**, its **attributes** and **relations among the contents** to be **disclosed** and a **portal server** for **obtaining** information regarding **contents** from the **information disclosing server(plural)** and for creating display data for the **requested services** by the **client**, on its **request**. As shown in FIG. 4, a **browser** 30 or HTML **editor** 31 is implemented on the **clients** 10 and 11. A **database** 32 and **agent** 33 are

implemented on the **portal server** 13. The database 32 stores **page information** 32a and **contents information** 32b. **Agent adapters** (AA) 34 through 37, online **analytical processing** (OLAP) 38, **data mining** 39, **text mining** 40, a **general Web site** 41, forms 42, a **relational database** (RDB) 43, and a **document 44** are implemented on the **information disclosing servers** 15 through 17):

a first step of receiving a request for service (as stated in col. 1, lines 8-13, col. 2, lines 4-5, col. 4, lines 1-5, **client** 5 comprises send requesting means 5a, receiving means 5b, and display outputting means 5c. The send requesting means 5a requests the **portal server** 3 to send **predetermined display data (request for services)**. In the case of a request having been made from the **client**, **obtaining information** from a **server** storing **attribute information** indicating the **attribute** and **logical structure** of each **piece of information** or **each service** which can be **provided** and for **providing** it to a **client**);

a second step of obtaining policy information of said client from said policy database by inquiring the policy information of said client which requested said service (as stated in col. 2, lines 51-52, col. 4, lines 1-5, if a **request** is made from a **client**, the **display data** creating means 3c **obtains** the appropriate **additional information** from the **additional information** storage means 3b and creates display data. FIG. 14 is a view showing an example of a **collection policy**. This example is one for collecting all pieces of information of an object, collection conditions are set as per the requirements of the object. **Policy Information** obtained is of the **client** from the **collection policy database** of **portal server** 3);

*a third step of requesting obtaining information indicating a service server matching with said service from said registry by requesting a search of the service server matching with a service concerned with said search request (as stated in col. 4, lines 5-7, lines 14-15, col. 7, lines 16-27, lines 30-39 and lines 48-61, **type of Information Stored** in the Information Disclosing Servers are, **General contents, Form access contents, Event, Applet Parameter object** and its **attribute information** possessed by all contents. A search service page representation format is a form and entry fields designated by arguments are arranged in order in a form. When a client request service and fills out the Form, Information Disclosing server provides the information based on the arguments and defined values after matching it from the stored information database, comprising **contents storing means 1a** and **additional information storing means 1b**. The **contents storing means 1a** stores contents consisting of information, services, or the like.);*

*a fourth step of extracting a service server matching with the policy information of said client obtained in said second step from among the service servers related relating to said information obtained in said third step (as stated in col. 4, lines 62-67, lines 5-7, lines 14-18, **Each folder** stores **attributes** regarding its **contents, information** for designating a **template** being a **model** used to **create a page** from **contents**, and **arguments provided** to a template. The **portal server 3** **creates a page (display data)** by **providing arguments** to a template designated and **executing it**, sending means 3d sends display data created by the display*

data **creating means** 3c to the **client** which made a **request**. The receiving means 5b **receives** display data sent from the **portal server** 3 as a **result** of a **request** from the send **requesting means** 5a of the **client**);

*and a fifth step of transmitting information indicating the service server extracted in said fourth step to a source of the search request for searching a service without handing policy information of said client (as stated in col. 3, lines 57-60, col. 5, lines 1-5, lines 27-30,, lines 39-45, col. 4, lines 19-20, The **portal server** 3 comprises **additional information obtaining means** 3a, **additional information storage means** 3b, **display data creating means** 3c, **sending means** 3d, and **editing means** 3e. When a **request** is made from a predetermined **client/user** of the **portal server** 3 can also **edit display contents** for his/her folder change the format of a page displayed on the client 5 side by editing, via the **editing means** 3e, a **folder**, **template**, and **argument stored** in the **additional information storage means** 3b. Moreover, only **attribute information** is **obtained** and **stored**. By performing the above **processes** of **searching**, **matching** and **extracting attributes** for the **contents**, **preparations** on the **portal server** 3 will be **completed** without **handing policy information of said client**. The **portal server** 3 **obtains** a template associated with the **appropriate folder** and an **argument** and **creates a page**. **Contents** themselves are stored in **the information disclosing server** 1, so a uniform resource locator (URL), for example, is embedded in a portion which refers to the **contents**. The page so **created** is sent via the sending means 3d to*

*the client 5 which made a request and display **outputting means** 5c outputs **display data** received by the receiving means 5b which is **requested** by the **client**).*

**As to Claim 2**, Suzuki teaches a search method in Claim 1, wherein said search broker includes an additional information database storing additional information related to a service provided by said service server, (as stated in col. 3, lines 65-67, **additional information storage** means 3b **stores** additional information **obtained** by the **additional information** obtaining means 3a.),

*wherein the third step further comprises obtaining additional information of the service server matching with the requested service from the additional information database, (as stated in col. 3, lines 65-67, The **additional information obtaining means** 3a obtains additional information stored in the additional information storing means 1b in the information disclosing server 1 by a predetermined method),*

*A and wherein said fourth step further comprises among service servers relating to the information obtained in the third step, in reference with the additional information of the server obtained in the third step, and extracting [[a]] the service server matching with the policy information of the client obtained in the second step (as stated in col. 3, lines 50-60, **additional information** storing means 1b stores **additional information** indicating the **respective attributes** of **contents** to be **disclosed** of contents stored in the contents storing means 1a and **relations** among the **contents** to be **disclosed**. The contents storing means 1a stores contents consisting of information, services, or the like. The **portal server** 3 comprises*



**additional information obtaining** means 3a (***extracting***), additional information **storage** means 3b, display data ***creating*** means 3c, **sending means** 3d, and **editing means** 3e).

**As to Claim 3**, *search method with a search broker for searching for a service server providing an element service, for selecting and carrying out an element service in a next stage organized in a hierarchical structure from a group of element service servers for providing the element services, said search broker being connected to a client for requesting a composite service, said a portal server being for serving as a portal of said composite service, a group of service servers for providing more than two element services organized in a hierarchical structure for providing a composite service, a policy database for holding policy information about service contents requested by said client, a registry for holding contents of element service provided by said servers, and a search broker for searching for a service server for providing an element service in accordance with the search said search method, comprising* (as stated in preceding paragraph of claim 1 and col.1, lines 20-24, lines 53-58, col. 10, lines 60-64 and col. 18, lines 21-23, an information processing system comprising an ***portal*** site to which the ***client*** has access, a ***search engine*** such as ***search robot*** and information ***database*** using ***information collection policy registered*** in advance for the servers, folders where **logical structure of contents** is mapped to ***hierarchical structure*** of folders, **information disclosing server** for disclosing ***contents***, **its attributes** and **relations** among the

**contents** to be **disclosed** and a ***portal server*** for ***obtaining*** information regarding ***contents*** from the information disclosing server and for **creating display data** for the **requested services (elements)** by the **client**, on its **request**):

*a first step of with said portal server receiving a request of the composite service from said client (as stated in preceding paragraph of claim 1 and col.3, lines 10-11 and col. 4 lines 12-13, FIG. 24 is a view showing an example of a screen displayed when a user logs in a ***portal server*** from a ***client*** and sends **service requests (composite)**, using send requesting means);*

*a second step of with said portal server requesting said search broker to search for a server matching with said element service in the next stage structuring the requested composite service (as stated in preceding paragraph of claim 1 and col.4, lines 14-15, col.6, lines 34-36 and col.6, lines 34-36, send requesting means 5a requests the ***portal server*** 13 to send predetermined display data. A **database** 32 and **agent (search broker)** 33 are implemented on the ***portal server*** 13. The database 32 stores page information 32a and contents information 32b. **Agent adapters** (AA) 34 through 37, online ***analytical processing*** (OLAP) 38, ***data mining*** 39, ***text mining*** 40, a general Web site 41, forms 42, a ***relational database (RDB)*** 43, and a ***document*** 44 are implemented on the **information disclosing servers 15 through 17** to search for a server matching with said element service identifiers);*

*a third step of, with said portal server obtaining information about a server matching with element service in the next stage structuring the requested composite*

service from said search broker, and requesting the element service from the server;  
(as stated in preceding paragraph of claim 1 and col.3, lines 42-44 and col. 4 lines 12-13, **portal server** 13 **obtains** information regarding **contents** from the **information disclosing servers** through the **agents** and its **agent adapters**. The AAs 34 - 37 **store** a document in which information indicating the respective **attributes** of **contents** and **relations** among the **contents**, which were **collected** by the OLAP 38 etc., and provide it at the **request** of the **agent** 33);

*and a fourth step of, with said server, which received said service from said portal server, requesting search of the server matching with the element service in the next stage structuring the requested element service to the search broker, obtaining information about said server matching with said requested element service from the search broker, and asking requesting the element service to said server and carrying out request for the element service in the next stage in a similar method as in the two to four steps* (as stated in preceding paragraph of claim 1 and col.6, lines 22-29, on request from clients for services, **portal server** interface (I/F) 13e performs data protocol or **format conversion (structuring)** when it sends **created data** to and **receives data** from the **clients** 10 and 11 via the network 12. The I/F 13f performs data protocol or **format conversion (structuring)** when it sends data to and receives data from the **information disclosing servers** 15 through 17 via the network 14 by implementing **agents and agent adapters** for **matching the service request** to the **information disclosing server** and providing to the **client**).

**As to Claim 4**, Suzuki teaches a *search method according to Claim 3, wherein said portal includes a portal server policy database for storing information for selecting a server in a lower layer* (as stated in preceding paragraph of claim 3, col.8, lines 43-44, col.10, lines 40-42, and col.11, lines 47-49, **portal server** accesses an **information disclosing server** which is registered in advance, and ***collects additional information*** , based on ***collection policy*** for **selection** of **information disclosing server** with the **portal server** which is performed in compliance with a flow chart shown in FIG. 13, and **portal server analyzes** the additional information XML documents with a general-purpose XML parser and obtains a **syntactic tree** as analysis **results**),

*wherein said server includes a server policy database for storing information for selecting a server in the lower layer* (as stated in preceding paragraph of claim 3 and col.10, lines 36-49, **set definition information (policy)** regarding the **information disclosing servers**, which includes a server name, agent adapter names, a server function name, a data record format on the server, a user-registered dictionary (ontology) name, agent adapter names, and an input-output interface to the agent adapter. **Based** on the above **information stored** in table of **contents** for ***database*** to be ***disclosed*** and ***registered*** with ***portal server*** **information disclosing server** is selected. FIG. 14 is a view showing an example of an ***information collection policy***),

*wherein said third step further comprises extracting a server conforming with policy information of said portal server policy database from among the obtained servers matching with said requested service, and requesting the service for the extracted server (as stated in preceding paragraph of claim 3 and col.10, lines 50-67, **translate the definitions** set in step S1 and **convert the results** to **information** which is **collected (extracted)** in **collection policy** stored in a **designated folder** and **provide** it when it **matches request**),*

*and wherein said fourth step further comprises extracting a server conforming with the policy information server policy database from among servers obtained as matching with said requested service and asking requesting said extracted server to provide the requested service (as stated in preceding paragraph of claim 3 and col.10, lines 64-67, col. 11, lines 29-30 and lines 39-66, Information so collected is stored in a designated folder on the portal server, by setting a **collection policy** for folder, a method for **collecting information** can be designated. FIGS. 16 through 18 are examples of a process for **collecting (extracting) information** from an **information disclosing server**. The **portal server analyzes, judges** whether or not the **collection condition** that change **information** should be **collected** is **imposed**. If the collection condition that change information should be collected is imposed, the **portal server** proceeds to step S26 locates the **syntactic tree** on a change information list. That is to say, the **portal server** specifies the **appropriate folder** to display from the **information server selected** fulfilling the **requested service**).*

**As to Claim 5**, Suzuki teaches a *search method according to Claim 3, wherein said portal server includes a portal server policy database for storing information for selecting a server in a lower layer*, (as stated in preceding paragraph of claim 3, col.10, lines 64-67 and col. 11, lines 16-17, information so collected is **stored** in a designated folder on the portal server **database**, by setting a **collection policy** for folder, a method for **collecting information** is designated, similarly **information collection policy** with a **conditional description** XML document for **selecting** information disclosing server can be **stored** in **database** of portal server),

*wherein said portal server receives from said server which requested the service a result of the service and information for evaluating the service*, (as stated in preceding paragraph of claim 3 and col.11, lines 45-49, portal server obtains collected additional information documents (see FIG. 12) from the **agent (server requested service)**. The portal server **analyzes, judges** (**evaluating**) the additional information documents with a general-purpose parser and obtains a **syntactic tree** as **analysis results**),

*and wherein on the basis of information for evaluating said service, the evaluation of the server's service carried out by said client is reflected in said portal server policy database* (as stated in preceding paragraph of claim 3 and col.11, lines 50-61, **portal server analyzes, judges** (**evaluating**) whether or not the collection condition that change information should be collected is imposed. If the collection condition that change information should be collected is imposed, **portal server**

locates the **syntactic tree** on a **change information** list and **changes** the appropriate **contents object**).

**As to Claims 6 and 8,** Suzuki teaches a *search method according to Claim 5, wherein on the basis of a result of comparison between reliability being set for said client and a predetermined standard value, said portal server determines whether to automatically have reflect the evaluation of said server's service in said portal server policy database or to inquire an operator if the evaluation of said server's service will be reflected in said portal server policy database* (as stated in preceding paragraph of claim 5 and 7, col.13, lines 26-33, lines 54-58, In the procedures shown in FIGS. 16 -18, the agent 33 makes a request to each agent adapter for collection on the basis of a collection policy (see FIG. 14) and an agent adapter creates an additional information document in response to the request for collection and sends it to the agent. As a result, the **portal server** 13 will **create a folder** corresponding to the **additional information document** it obtained. The **administrator** and **registered users (operator)** of the **portal server** 13 can also **edit and create** the said **information** according to its **quality, importance** and the like).

**As to Claim 7,** Suzuki teaches a *search method according to Claim 3, wherein said server includes a server policy database for storing information for selecting a server in a lower layer, and sending information for evaluating the server with a*

result of service of which request is received in said third or fourth step to a source of the service request, and wherein on the basis of information for evaluating said service, among evaluations of service of said server done carried out by said client, evaluation of the service of the server in the lower layer is reflected to said server policy database (as stated in preceding paragraph of claim 3 and col.12, lines 01-19, col.13, lines 54-58, **portal server** locates the **syntactic tree** on an **attribute information** list and obtains additional information and creates a contents object. By performing the above procedure, an attribute information document is obtained from an information disclosing server and, if change information is **collected**, only contents objects corresponding to contents changed will be changed. As a result, the portal server 13 will create a folder corresponding to the additional information document it obtained. The administrator and registered users (operator) of the portal server 13 can also edit and create the said information according to its quality, importance and the like).

**As to Claim 9,** Suzuki teaches a search broker for searching for a service server providing an element service, for selecting and carrying out the element service in a next stage organized in a hierarchical structure for providing an element service, said search broker being connected to a client for requesting a service, a server for providing more than two element services for providing a composite service structured hierarchically, a policy database for retaining policy information about a service requested by said client, and a registry for holding contents of



*service provided by said servers, said search broker comprising* (as stated in preceding paragraph of claim 3 and col.11, lines 25-29, After definition information regarding the information disclosing servers and an information **collection policy** being **registered (registry)**, the **agent (search broker)** collects information from the information disclosing servers 15 through 17 in compliance with **registered contents (services)**. FIGS. 16 through 18 are examples of a process for collecting information from an information disclosing server):

*a search request receiving part for receiving a search for a service* (as stated in preceding paragraph of claim 3 and col.11, lines 39-41, **portal server** provides the **condition description** XML **document** to the **agent** 33 and makes a **request** to collect **contents**);

*a policy inquiry part asking for inquiring said policy database for policy information of said client requesting the service and obtaining the policy information from said policy database* (as stated in preceding paragraph of claim 3 and col.11, lines 42-44, **agent** 33 performs a **process for collecting** the **contents** and sends the **request** to an agent adapter to be searched. The agent adapter obtains a **collection condition** that is **collection policy** and performs a **process** for **creating additional information** XML document);

*a registry search part for requesting a search for a service matching with a service concerned with said search request and obtaining information indicating the server matching with said service from said registry* (as stated in preceding paragraph of claim 3 and col.12, lines 60-64 and col. 13, lines 22-25, agent adapter

reads **directory settings** from an **environment setting** file which describes environment setting **situations** regarding the information disclosing and moves to a folder from which it obtains attribute information. The above procedure enables an agent adapter to **collect attribute information** from a predetermined folder according to a **collection condition** and to **create additional information** XML document.

*a policy extracting part for extracting the server matching with the policy information of the client; and a search result transmitting part for transmitting the information indicating the server extracted by said policy extracting part to a source- of said for requesting the service (as stated in preceding paragraph of claim 3 and col.13, lines 26-33, In the procedures shown in FIGS. 16 through 18, the agent 33 makes a request to each agent adapter for collection on the basis of a **collection policy** (see FIG. 14) and an agent adapter **creates** an additional information XML document in response to the **request** for **collection** and sends it to the agent who **merges and sorts data** in **designated order** which it collected. As a result, the **portal server** 13 will **create** a folder corresponding to the **additional information** XML document it **obtained**).*

**As to Claim 10,** Suzuki teaches a *search broker according to Claim 9, further comprising:*

*an additional information database for storing additional information about contents of service provided by said server; and an additional information search*

*part for obtaining the additional information about a server matching with said requested service from said additional information database, wherein said policy extracting part, in reference to said additional information about a server obtained by said additional information search part, among servers related to the information obtained by said registry search part, extracts the server matching with the policy information of the client obtained by said policy inquiry part* (as stated in preceding paragraph of claim 9 and col.18, lines 49-67 and col. 19, lines 1-7, information disclosing server comprises **contents** storing means for **storing** contents to be disclosed and **additional information storing** means for storing **additional information** indicating the respective attributes of contents to be provided of contents stored in the contents storing means and relations among the contents to be provided, the portal server comprises additional information obtaining means for obtaining additional information stored in the additional information storing means in the information disclosing server, additional information storage means for storing additional information obtained by the **additional information obtaining means**, display data **creating means** for **obtaining**, in the case of a request having been made from the client, the appropriate additional information from the additional information storage means and for creating display data, and sending means for sending display data **created** by the display data creating means to the client which made a request, and the client comprises send requesting means for requesting the portal server to send predetermined display data, receiving means for receiving display data sent from the portal server as a result of

a request from the send requesting means, and display outputting means for outputting display data received by the receiving means. Therefore, a desired page can be created easily by utilizing contents disclosed by an information disclosing server).

### ***Response to Arguments***

4. Applicant's arguments, with regards to **Claims 1-10**, filed 22 January 2008 have been fully considered but they are not persuasive.

The Examiner respectfully disagrees with Applicant's arguments, on page 10 of Remarks regarding "hierarchical level of the information disclosing server is the same as that of the portal server, the policy information will be diffused", Suzuki does disclose , as stated in Col. 6, lines 34-41, and col. 3, lines 57-60, A database 32 and agent 33 are implemented on the portal server 13. The database 32 stores page information 32a and contents information 32b. Portal server 3 comprises additional information obtaining means 3a, additional information storage means 3b, display data creating means 3c, sending means 3d, and editing means 3e, while Agent adapters (AA) 34 through 37, online analytical processing (OLAP) 38, data mining 39, text mining 40, a general Web site 41, forms 42, a relational database (RDB) 43, and a document 44 are implemented on the information disclosing servers 15 through 17. Database 32 moreover comprises, only attribute information which is obtained from multiple information server's relational database (RDB) and portal server through it agent's extracts attributes,

additional information **storage means** 3b **creates folders** corresponding to the **logical structure** of **contents** and stores the **attributes of contents** in each **folder**. Thus, Suzuki does disclose and suggest **selecting and executing** an **element service** at a next stage reflecting the client's policy, where he provides **arguments** and **fields** for **folder attributes** for passing the **client's policy** to a **service requested** and **portal server** for providing an **element service** or **composite service, without handing policy information of said client** .

Therefore, in view of the above reasons, Examiner maintains rejections.

### **Action Final**

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Muktesh G. Gupta whose telephone number is 571-270-5011. The examiner can normally be reached on Monday-Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William C. Vaughn can be reached on 571-272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MG

/William C. Vaughn, Jr./

Supervisory Patent Examiner, Art Unit 2144